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<b>(51) International Patent Classification <sup>6</sup>:</b> <b>C12N 15/54, 9/12, C12Q 1/68, 1/48,</b> <b>C12N 15/11, 15/85, A01K 67/027, C07K</b> <b>16/40, A61K 38/45, 31/70, C12N 1/21,</b> <b>1/19</b>	<b>A1</b>	<b>(11) International Publication Number: WO 98/21343</b>  <b>(43) International Publication Date: 22 May 1998 (22.05.98)</b>
<b>(21) International Application Number: PCT/US97/21248</b>  <b>(22) International Filing Date: 13 November 1997 (13.11.97)</b>  <b>(30) Priority Data:</b> 08/871,189      15 November 1996 (15.11.96)      US 08/873,039      11 June 1997 (11.06.97)      US 08/951,733      16 October 1997 (16.10.97)      US  <b>(71) Applicants: AMGEN INC. [US/US]; Amgen Center, 1840</b> <b>De Havilland Drive, Thousand Oaks, CA 91320-1789</b> <b>(US). AMGEN CANADA INC. [CA/CA]; Suite 303, 6733</b> <b>Mississauga Road, Mississauga, Ontario L5N 6J5 (CA).</b>  <b>(72) Inventors: HARRINGTON, Lea, A.; 55 Pears Avenue,</b> <b>Toronto, Ontario M5R 1S9 (CA). ROBINSON, Murray,</b> <b>O.; 22623 Pacific Coast Highway, Malibu, CA 90265 (US).</b>  <b>(74) Agents: ODRE, Steven, M. et al.; Amgen, Inc., Amgen Center,</b> <b>1840 De Havilland Drive, Thousand Oaks, CA 91320-1789</b> <b>(US).</b>	<b>(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR,</b> <b>BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE,</b> <b>GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK,</b> <b>LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO,</b> <b>NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,</b> <b>TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH,</b> <b>KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ,</b> <b>BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE,</b> <b>CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,</b> <b>PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN,</b> <b>ML, MR, NE, SN, TD, TG).</b>  <b>Published</b> <i>With international search report.</i> <i>Before the expiration of the time limit for amending the</i> <i>claims and to be republished in the event of the receipt of</i> <i>amendments.</i>	
<b>(54) Title: GENES ENCODING TELOMERASE PROTEINS</b>		
<b>(57) Abstract</b>  Disclosed are nucleic acid molecules encoding polypeptides of the telomerase complex. Also disclosed are methods of preparing the nucleic acid molecules and polypeptides, and methods of using these molecules.		